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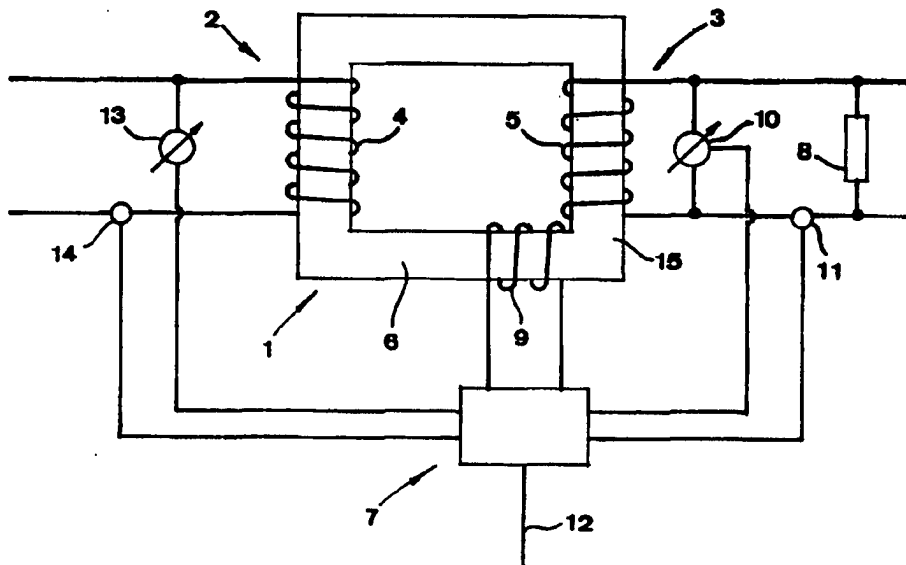
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(57) Abstract

An electromagnetic device comprises at least one magnetic circuit (1) and at least one electric circuit (2, 3) comprising at least one winding (4, 5). The magnetic and electric circuits are inductively coupled to each other. The device comprises a control arrangement (7) to control operation of the device. This control arrangement is adapted to control frequency, amplitude and/or phase as concerns electric power to/from the device by the control arrangement comprising means (9) controlling the magnetic flux in the magnetic circuit.